

Polyester – Technical Data Sheet

mechanical parameters

Yield stress (50 mm / min):	specific 45 MPa
Tensile strain at yield (50 mm / min):	5,1 %
Tensile modulus:	1650 MPa
IZOD notched 23°:	45 kJ/m ²
IZOD notched -30°:	13 kJ/m ²
hardness ball:	90 N/mm ²
Heat distortion temperature 1.80 MPa	55 °C

electrical parameters

comparative tracking index	CTI 600
surface resistivity	≥1E15
volume resistivity	≥1E13 cm

other parameters

flammability UL 94	HB (1,6 mm)
flammability UL 94	HB (0,8 mm)
water abs.	ca. 0,2 %
glow wire	650 °C (2mm)

UV-radiation: not limiting the operation during life time

Contamination free of: cadmium, halogen